

KOREAN PATENT ABSTRACTS

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(54) A Color Display Device

(57)Abstract:

The present invention provides a display device having a high-precision, controlling automatically electric power according to a gesture adaptive for an emission type display device such as a plasma display device, an electric field luminescence display device and a luminescence diode display device.

The display device, comprising: an emission unit 27; a integral circuit 11, 12, 13 for outputting an average level of R, G, B signal by integrating an input picture signal of R, G, B for a designated time; a multiplication circuit 14, 15, 16 for multiplying the average level by each of the variation, that is, KR, KG and KB; an adder 17 for obtaining expectation consumption electric power in the emission unit by adding an output signal from the multiplication circuit; a controller 18 for outputting a control signal according to the received electric power expectation signal; and a brightness control circuit for controlling a light emission per the unit area according to the control signal.